

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:
Please rewrite claims 15-18, 22-25 and 30 as follows.

Listing of Claims:

1. (previously presented) A biochip comprising a large number of spots containing capture solutions arranged on a base plate, obtained by supplying, onto said base plate by means of an ink jet system, a plurality of types of said capture solutions each of which is adapted to specifically react with a specimen and provide information about a structure within the specimen, wherein:

a plurality of said spots, which have different spot sizes, are formed on said base plate, wherein all of said spots have uniform detection sensitivity.

2. (previously presented) A biochip according to claim 1, wherein said plurality of spots are formed from the same capture solution.

3. (previously presented) A biochip comprising a large number of spots of capture solutions containing a capture material therein arranged on a base plate, obtained by supplying, onto said base plate by means of an ink jet system, a plurality of types of said capture solutions each of which is adapted to specifically react with a specimen and provide information about a structure within the specimen, wherein:

a plurality of said spots are formed in which the concentration of the capture material in the capture solution varies from spot to spot, wherein all of said spots have uniform detection sensitivity.

4. (previously presented) A biochip according to claim 3, wherein said plurality of spots are formed from the same capture solution.

Claims 5-14: (cancelled)

15. (currently amended) A biochip according to claim 1, wherein said spots containing said ~~sample capture~~ solution are formed by a method using an ink-jet system, in which said ~~sample capture~~ solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

16. (currently amended) A biochip according to claim 2, wherein said spots containing said ~~sample capture~~ solution are formed by a method using an ink-jet system, in which said ~~sample capture~~ solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

17. (currently amended) A biochip according to claim 3, wherein said spots containing said ~~sample capture~~ solution are formed by a method using an ink-jet system, in which said ~~sample capture~~ solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

18. (currently amended) A biochip according to claim 4, wherein said spots containing said ~~sample capture~~ solution are formed by a method using an ink-jet system, in which said ~~sample capture~~ solution is impacted onto said base plate after being discharged into the atmosphere, and wherein a force of the discharge is controlled electrically.

Claims 19 - 21: (cancelled)

22. (currently amended) A biochip according to claim 1, wherein said spots containing said ~~sample capture~~ solution are formed by a method using an ink-jet system, in which said ~~sample capture~~ solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

23. (currently amended) A biochip according to claim 2, wherein said spots containing said ~~sample capture~~ solution are formed by a method using an ink-jet system, in which said ~~sample capture~~ solution is impacted onto said base plate after being discharged into the

atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

24. (currently amended) A biochip according to claim 3, wherein said spots containing said ~~sample capture~~ solution are formed by a method using an ink-jet system, in which said ~~sample capture~~ solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

25. (currently amended) A biochip according to claim 4, wherein said spots containing said ~~sample capture~~ solution are formed by a method using an ink-jet system, in which said ~~sample capture~~ solution is impacted onto said base plate after being discharged into the atmosphere, and wherein the number of times of discharge at each spot and a force of the discharge are electrically controlled, respectively.

Claims 26 - 29: (cancelled)

30. (currently amended) A biochip comprising a large number of spots of capture solutions containing a capture material therein arranged on a base plate, obtained by supplying, onto said base plate by means of an ink jet system, a plurality of types of said capture solutions each of which is adapted to specifically react with a specimen and provide information about a structure within the specimen, wherein:

a plurality of said spots are formed in which the concentration of the capture material in the capture solution varies from spot to spot, wherein all of said spots have uniform detection sensitivity and said base plate ~~is non-permeable with respect to said capture solution~~ comprises glass.

Claims 31 - 34: (cancelled)